

Amendment to the Specification:

Please replace the last paragraph on page 1 (line 27, page 1 – line 4, page 2) as follows:

An example of another kind of security policy is conflict of interest, specifically a ‘Chinese Wall Policy’. This policy prevents an analyst who is consulting for company A from accessing potentially sensitive information on company B, a competitor of company A. ~~Thus A, thus~~ preventing the analyst from providing company A with confidential information about company B (or making recommendations to company A based on this confidential information). Separation of duties is considered to be an integrity policy while conflict of interest would be a confidentiality policy. Other security policies such as compliance to legislative regulations, and privacy are also enforced through security policies.

Please replace the first paragraph on page 4 (lines 3-21) as follows:

The arrangement of Fig. 1 is intended to implement the teachings of the present invention which can be used to enforce security policies without the problems described above with respect to the prior art. ~~The arrangement of Fig. 1~~ As illustrated in the arrangement of Fig. 1, a site specific domain model 102 is used by an editor 103 to selectively create Transient Rule Generator (TRG) Rules and customized template rules that are appropriate for a given environment, based on a set of Template Rules 104. The site specific domain model provides information that is specific to any particular data access environment. This includes actual table and file names, schema names, user names, role names etc. The editor 103 places these rules into a permanent storage area 107 (104

and 107 may be the same storage location, but this is not required). These rules are designed to generate new rules that prohibit certain data transactions from taking place. The TRG rules are accessed and read for further customization, then integrated into the data access management software 111 at particular times as described hereafter. Custom rules are loaded directly into memory 108. A request from a user 109 to access data 113 that meets the appropriate condition, produces an event 105 that will cause a TRG rule to create a transient customized rule 106 from a Template Rule previously loaded from the permanent storage 104, if the conditions specified in the TRG Rule are met. Rules are accessed in memory 108 and applied by data access management software 111 to the user request. A file access or database manager 112 and a communication function 110 are also represented in Figure 1. The user communications may take place via an intranet, the Internet, or any other available communications channel.

Please replace the last paragraph on page 5 (line 19, page 5 – line 11, page 6) as follows:

In the conflict of interest example of a “Chinese Wall”, an analyst consulting for a specific company must be prevented from accessing information about companies that are competitive with that company. A new analyst who is not consulting for any companies will have the ability to access information from any company in the database. The event of that analyst selecting information about any given company 105, will cause a transient rule to be generated 106, then loaded into memory 108 and saved to permanent storage 107. This rule will then be used by the data access management software 111 to prevent the analyst from accessing 112 any information about competitive companies stored in the database or file system 113. This rule will remain in effect until some pre-defined event occurs that indicates the analyst is no longer violating a

conflict of interest when accessing information on a competitive company. This may be on the condition that the analyst has not accessed information for his previous company for some time period. This time period ~~being considered~~ is considered to be long enough that information accessed is out of date and no longer considered sensitive or having any significant value. The event may be that all the information accessed by the analyst has been made public. The event may be an override issued by an authorized individual. The event may be the removal of the previous company from the database or the conflict set. At the notification of this event, the rule will remove itself from consideration in the data access management software 111 and mark itself as inactive to be archived for audit purposes from permanent storage 107 to an audit log 114. Upon this occurring, the rule might notify the user 109 or some other designated recipient 115 (via message or e-mail or some other form of notification 110) of her/his change of status. The recipient may be a person or another computer process.

Please replace the third paragraph on page 6 (line 20-25) as follows:

In an enhanced embodiment, the user is notified of the particular time frame or condition that has caused his or her attempted action to be precluded. Thus, a user may be notified that because he was the individual signing the invoice, he may not pay that invoice. In this manner, the user will know that he can pay other invoices or can pay for that invoice if someone else places the ~~order.~~ Or order, or that he cannot access information about a company because it would be a conflict of interest.